: AFT FACING SEAT ASS'Y LH

Wednesday, 30/07/2008 5:29:51 PM

User: Julie Lecocq

### **Process Sheet**

Customer

: CU-DAR001 Dart Helicopters Services

Job Number : 40821 **Estimate Number** : 13306

P.O. Number

This Issue

: 30/07/2008

: NC Prsht Rev.

: 77

: 40820

Type

S.O. No. :

: SMALL /MED FAB

**Drawing Number** 

Part Number

**Drawing Name** 

**Project Number** 

**Drawing Revision** Material

**Due Date** 

: 15/08/2008

: N/A

; B

: D412769043

: D412-769-1 REVB

Qty:

1 Um:

FF 08/08/27

Each

Written By

First Issue

**Previous Run** 

Checked & Approved By

Comment

Est Rev:B 08-07-17 revB as per dwg DD verified by:ec

DD verified by:EC

**Additional Product** 

Job Number:



Seq. #:

**Machine Or Operation:** 

Description:

PACKAGING 1 1.0

PACKAGING RESOURCE #1

Comment: PACKAGING RESOURCE #1

Pick Packing Kit

2.0

D3782045

Back Leg Assembly



Comment: Qty.:

Back Leg Assembly

2.0000 Each(s)/Unit Total:

2.0000 Each(s)



3.0

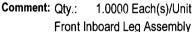
batch: Byo0

D3782041

Front Inboard Leg Assembly



Total: 1.0000 Each(s)



batch: 1940 870

D3782043

Front Outboard Leg Assembly, LH



4.0

Total:

Comment: Qty.:

1.0000 Each(s)/Unit

1.0000 Each(s)/Unit

1.0000 Each(s)

Front Outboard Leg Assembly, LH

1540871 batch:

5.0

D3783041

Lateral Brace Assembly



Total:

1.0000 Each(s)

Comment: Qty.: Lateral Brace Assembly

BUOGT batch:

W/O:		WORK ORDER CHANGES	WORK ORDER CHANGES										
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector						
Part No	):	PAR #: Fault Category: NO	_ CR: Ye:	No DQ	 А:	Date:	1						

QA: N/C Closed: \_\_\_\_ Date: \_\_\_\_

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		Description of NC		Corrective Action Section B		Verification	Annroval	Annroyal
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC Inspector
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Wednesday, 30/07/2008 5:29:51 PM Date: User: Julie Lecocq **Process Sheet** Drawing Name: AFT FACING SEAT ASS'Y LH Customer: CU-DAR001 Dart Helicopters Services Job Number: 40821 Part Number: D412769043 Job Number: Seq. #: **Machine Or Operation:** Description: D3783043 6.0 Longitudinal Brace Assembly Comment: Qty.: 2.0000 Each(s)/Unit Total: 2.0000 Each(s) Longitudinal Brace Assembly B+6875 batch: 7.0 D3783045 Angle Brace Assembly Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s) **Angle Brace Assembly** batch: 3408 8.0 D3784041 Seat Support Assembly, Center Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s) Seat Support Assembly, Center B4087 batch:\_ D3784043 9.0 Seat Support Assembly, LH Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s) Seat Support Assembly, LH B40878 batch: 10.0 D3784044 Seat Support Assembly, RH Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s) Seat Support Assembly, RH B4087 batch: 11.0 D37661 Front Rail, LH Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s) Front Rai 10863 batch 12.0 D37663 Rear Rail Comment: Qty.: Total: 1.0000 Each(s) Rear Rail batch:

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W/O:		WORK ORDER CHANGES	<del></del>				
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		Description of NC		Corrective Action Section B		Verification	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Sign & Section C		QC Inspecto
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Date: Wednesday, 30/07/2008 5:29:51 PM User: Julie Lecocq **Process Sheet** Drawing Name: AFT FACING SEAT ASS'Y LH Customer: CU-DAR001 Dart Helicopters Services Part Number: D412769043 Job Number: 40821 Job Number: Seq. #: **Machine Or Operation: Description:** 13.0 D37671 Upper Rail Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s) Upper Rail ALODINE 34036b batch: 14.0 D37921 Seat Belt Eve Bolt Comment: Qty.: Total: 3.0000 Each(s) Seat Belt Eye Bolt 15.0 Comment: Qty.: 2.0000 Each(s)/Unit Total: 2.0000 Each(s) Bolt batch AN45 13A EYE BOLT 16.0 Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s) EYE BOLT 17.0 Bolt Comment: Qty.: Total: 6.0000 Each(s) Bolt batch: AN513A 18.0 Bolt Comment: Qty.: Total: 2.0000 Each(s) Bolt 4108/67 batch: 19.0 AN960JD10 Washer Comment: Qty.: 21.0000 Each(s)/Unit Total: 21.0000 Each(s) Washer batch: 17 109059 (or NAS1149D0363J) batch:

Page 3

Form: rprocess

W/O:			WORK ORDER	CHANGES				
DATE	STEP	PR	OCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	Approval QC Inspector	
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	Wednesday, 30, Julie Lecocq	/07/2008 5:29:51 PM		Process Sh	neet	·	
Custor	mer: CU-DAR00	1 Dart Helicopters Service	es	Draw	ing Name: AFT FACING SEAT	ASS'Y LH	
Job Num	ber: 40821			Pai	<b>t Number:</b> D412769043		
Job Number:				· .			
Seq. #:	Machine	Or Operation:			Description :		
20.0	AN960JD4	16		Washer			
Col	mment: Qty.: Washe batch:_ (or NAS	4.0000 Each(s)/Unit M/08/6/ S1149D0463J) batch:	Total :	4.0000 Each(s)			50
21.0	AN960JD5	16		Washer			
Col		20.0000 Each(s)/Unit MOSC77 51149D0568J) batch:_	Total:	20.0000 Each(s)			50
22.0	AN52510R			Screw	,		
Con	mment: Qty.: Screw batch:_	9.0000 Each(s)/Unit	Total :	9.0000 Each(s)			50
23.0				Nut			
	mment: Qty.: Nut batch:_	9.0000 Each(s)/Unit	Total :	9.0000 Each(s)			sd
24.0	MS21042L			Nut .			<b>.</b>
	mment: Qty.: Nut batch:_	2.0000 Each(s)/Unit	Total :	2.0000 Each(s)			50
25.0	MS21042L			Nut			Ŵ
Cor	mment: Qty.: Nut batch:_	12.0000 Each(s)/Unit	Total :	12.0000 Each(s)	8/8/27	·	30

W/O:		WORK ORDER CHANGES	3				
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No		PAR #: Fault Category:	NCR: Yes	No DQ	A:	Date: _	
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		Description of NC		Corrective Action Section B		Verification	Ammarral	Annroval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC Inspector

Date: Wednesday, 30/07/2008 5:29:51 PM User: 1 Julie Lecocq **Process Sheet** Drawing Name: AFT FACING SEAT ASS'Y LH Customer: ¿U-DAR001 Dart Helicopters Services Part Number: D412769043 Job Number: 40821 Job Number: Seq. #: Description: **Machine Or Operation:** SMALL & MEDIUM FAB RESOURCE 1 SMALL FAB 1 26.0 Comment: SMALL & MEDIUM FAB RESOURCE 1 08/08/27 1- assemble as per dwg D412-769-1 INSPECT WORK TO CURRENT STEP 27.0 QC5 Comment: INSPECT WORK TO CURRENT STEP POWDER COATING 28.0 POWDER COATING Comment: POWDER COATING 1- mask D3782-041 and D3782-043 front legs and D3787-1 foot as per dwg D412-769-041 2- Powder coat remainig of assembly grey as per dwg D412-769-1 Powder Coat Grey Sandtex (Ref: 4.3.5.6) as per QSI 005 4.3 START TIME: **OVEN TEMPERATURE:** FINISH TIME: 29.0 QC3 INSPECT POWDER COAT/CHEMICAL CONVERSION 0-30 Comment: INSPECT POWDER COAT/CHEMICAL CONVERSION PACKAGING RESOURCE #1 30.0 Comment: PACKAGING RESOURCE #1 Pick Packing Kit 31.0 D37751 Guard Comment: Qty.: 2.0000 Each(s)/Unit Total: 2.0000 Each(s) Guard batch: 13 40658

W/O:			WORK ORDER	CHANGES					
DATE	STEP	PR	OCEDURE CHANGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approva QC Inspector
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Part No	:	PAR #:	Fault Category:	NC	R: Yes	No <b>DQ</b>	A:	Date: _	
					QA:	N/C Close	d:	Date: _	
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			Corrective Actio	n Section R					

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		Description of NC		Corrective Action Section E	}	Verification	Approval	Amprovo
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Date: Wednesday, 30/07/2008 5:29:51 PM User: Julie Lecocq **Process Sheet** Customer: CU-DAR001 Dart Helicopters Services Drawing Name: AFT FACING SEAT ASS'Y LH Job Number: 40821 Part Number: D412769043 Job Number: Seq. #: Description: Machine Or Operation: 32.0 D37741 Seat Bottom, LH/RH 1.0000 Each(s)/Unit Total: Comment: Qty.: 1.0000 Each(s) Seat Bottom, LH batch: B 40867 D37743 Seat Back, LH/RH 33.0 1.0000 Each(s)/Unit Total: Comment: Qty.: 1.0000 Each(s) Seat Bottom, LH batch: 13 40868 AN525 10R22 34.0 Screw 13.0000 Each(s)/Unit Total: 13.0000 Each(s) Comment: Qty.: Screw batch: M 35.0 Washer Comment: Qty.: 13.0000 Each(s)/Unit Total: 13.0000 Each(s) Washer batch: M 105793 (or NAS1149D0332J) batch: MS21042L3 36.0 Comment: Qty.: 19.0000 Each(s)/Unit Total: 19.0000 Each(s) batch: M 108701 37.0 AN35A Bolt Comment: Qty.: 6.0000 Each(s)/Unit Total: 6.0000 Each(s) batch: M 100188 SMALL & MEDIUM FAB RESOURCE 1 38.0 Comment: SMALL & MEDIUM FAB RESOURCE 1 1- install remaining parts as per dwg D412-769-1

W/O:		WORK ORDER CH	IANGES				
DATE	STEP	PROCEDURE CHANGE	Ву	Date Qty Approval Chief Eng / Prod Mgr	Approval QC Inspector		
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i ait ito	•	PAIN # Fain Gategory					
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						,				
		;								

Date:

Wednesday, 30/07/2008 5:29:51 PM

User: '

Julie Lecocq

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: AFT FACING SEAT ASS'Y LH

Job Number: 40821

**Part Number:** D412769043

Job Number:



Seq. #:

**Machine Or Operation:** 

Description:

39.0

QC5

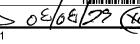
INSPECT WORK TO CURRENT STEP



Comment: INSPECT WORK TO CURRENT STEP

PACKAGING RESOURCE #1

**Process Sheet** 



40.0

PACKAGING 1

Comment: PACKAGING RESOURCE #1

Identify and Stock

Location:



41.0

QC21

Comment: FINAL INSPECTION/W/O RELEASE

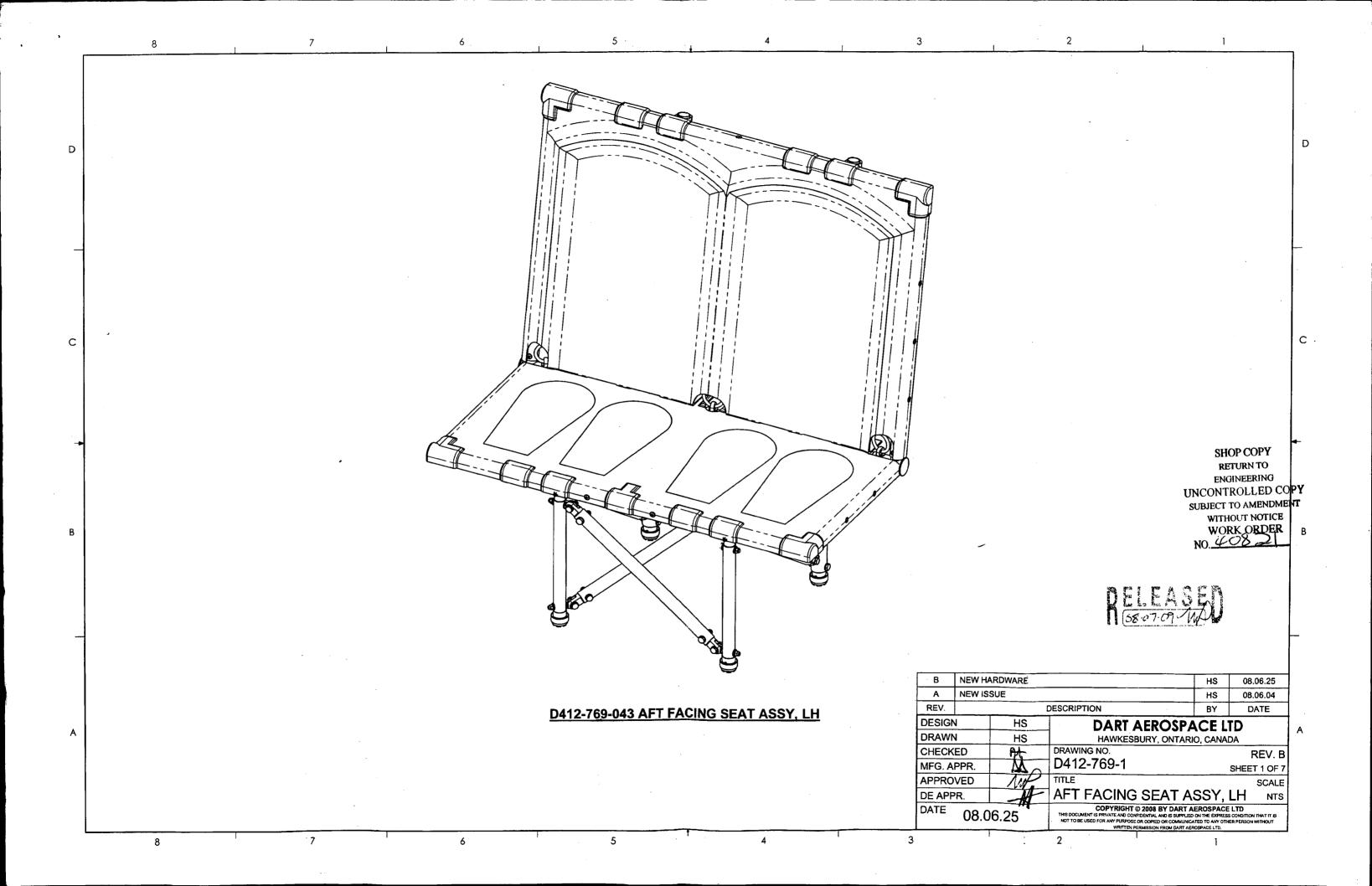
FINAL INSPECTION/W/O RELEASE



Job Completion

MF 08-08-29

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W/O:			WC	RK ORDER CHANGES	3				
DATE	STEP	PROCEDURE CHANGE				Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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	ITEM NO.	PART NUMBER	DESCRIPTION	QTY. (-043)
	1	D3782-045	BACK LEG ASSY	2
	2	D3782-041	FRONT INBOARD LEG ASSY	1
	3	D3782-043	FRONT OUTBOARD LEG ASSY, LH	1 .
•	4	D3783-041	LATERAL BRACE ASSY	1
	5	D3783-043	LONGITUDINAL BRACE ASSY	2
	6	D3783-045	ANGLE BRACE ASSY	1
l	7	D3784-041	SEAT SUPPORT ASSY	1
Ì	8	D3784-043	SEAT SUPPORT ASSY, LH	1
İ	9	D3784-044	SEAT SUPPORT ASSY, RH	1
Ì	10	D3766-1	FRONT RAIL, LH	1
	11	D3766-3	REAR RAIL	1
	12	D3767-1	UPPER RAIL	1
	13 D3792-1		SEAT BELT EYE BOLT	3
Ī	14	D3775-1	GUARD	2
	15	D3774-1	SEAT BOTTOM	1
Ī	16	D3774-3	SEAT BACK	1
Ī	17	AN3-5A	BOLT	6
	18	AN4-15A	BOLT	2
	19	AN45-13A	EYE BOLT	1
	20	AN5-10A	BOLT	6
. 1	21	AN5-13A	BOLT	2
∕B∖ [	22	AN525-10R22	SCREW	13
B	23	AN525-10R24	SCREW	9
	24	MS21042L3	NUT	28
	25	MS21042L4	NUT	2
	26	MS21042L5	NUT	12
İ	27	NAS1149D0332J	WASHER (AN960JD10L)	13
	28	NAS1149D0363J	WASHER (AN960JD10)	21
	29	NAS1149D0463J	WASHER (AN960JD416)	4
	30	NAS1149D0568J	WASHER (AN960JD516)	20

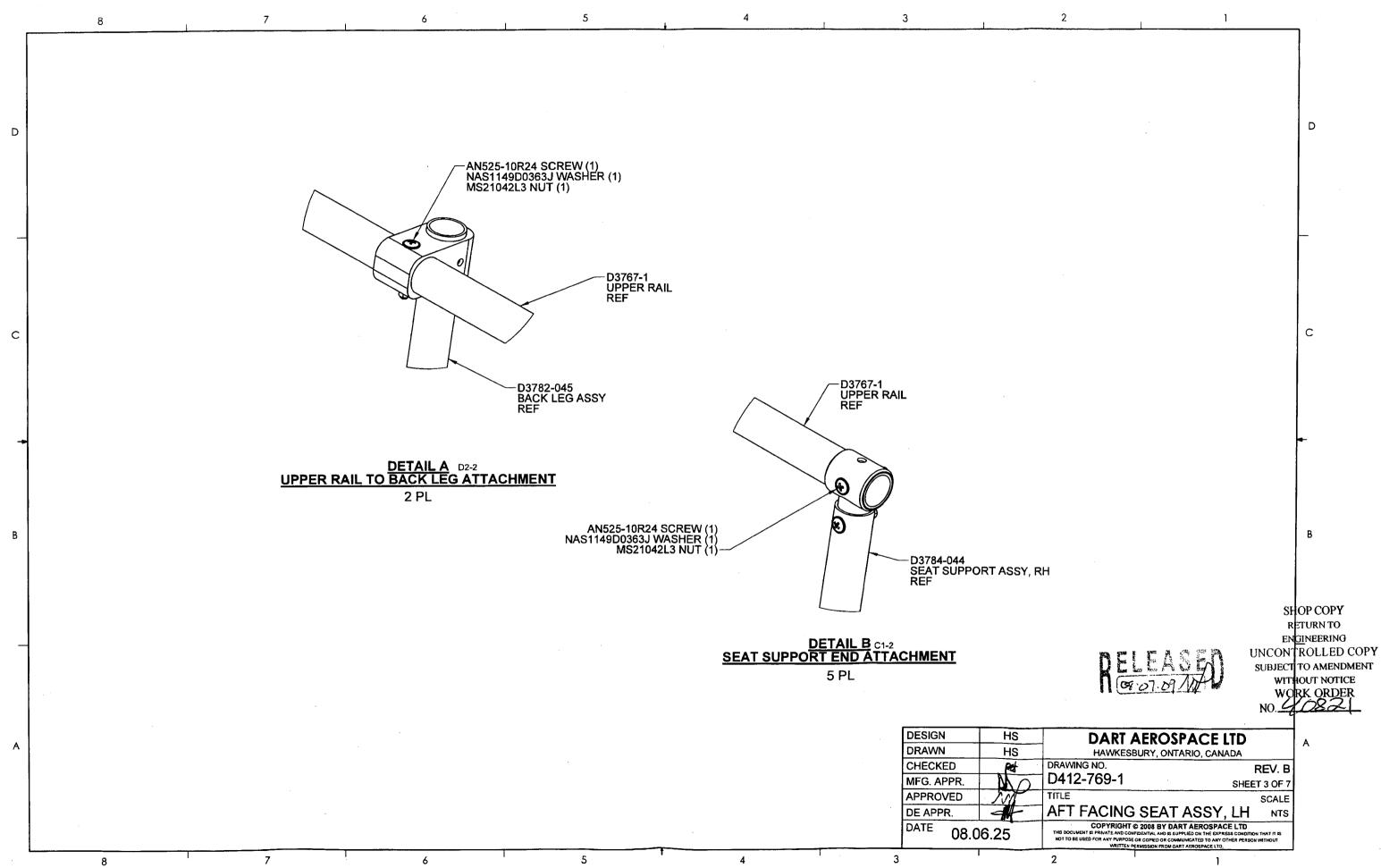
8 D412-769-043 AFT FACING SEAT ASSY, LH

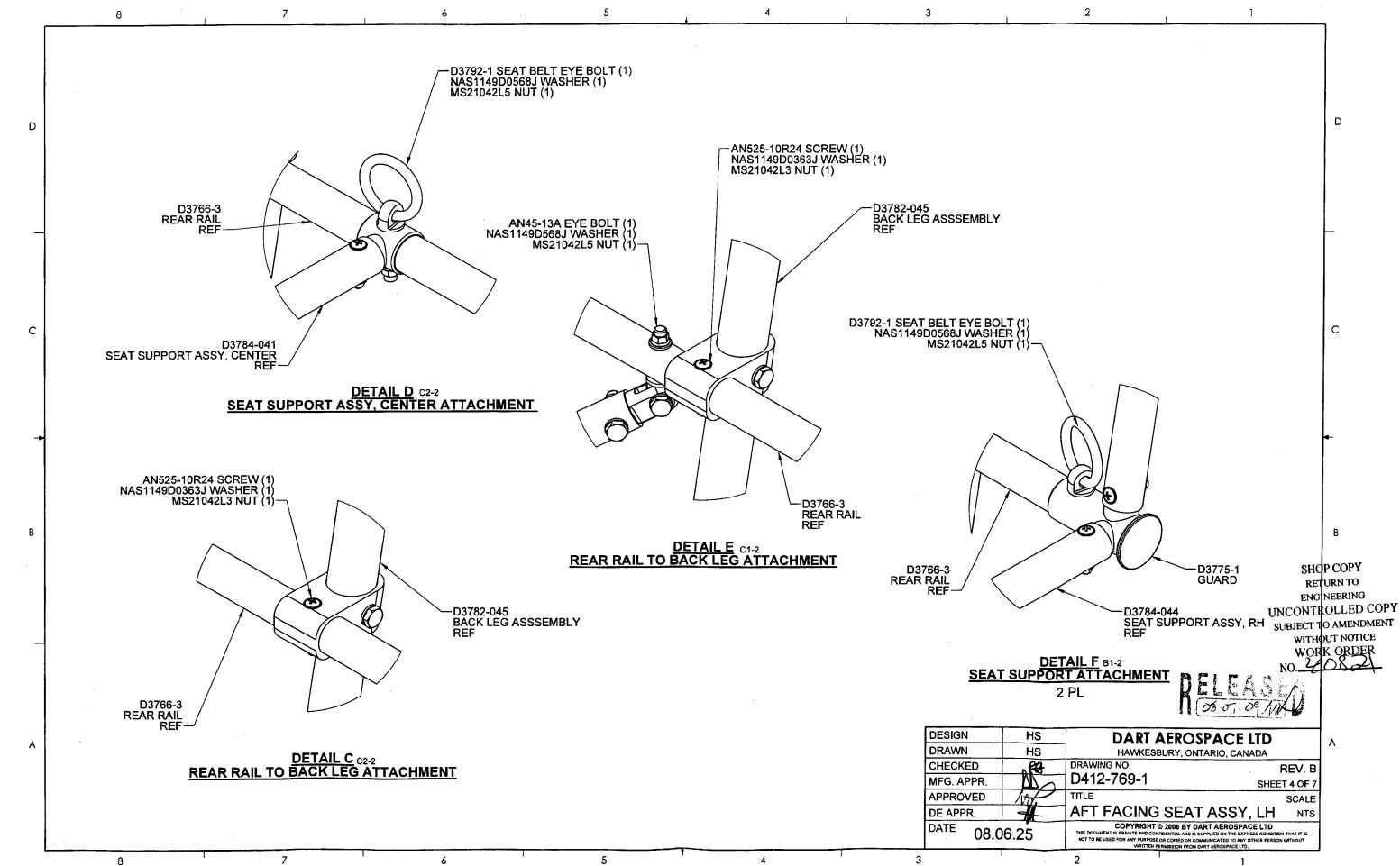
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MFG. APPR.	MO	D412-769-1 SHEE	T 2 OF			
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DE APPR.	7	AFT FACING SEAT ASSY, LH	NTS			
DATE 08.0	06.25	COPYRIGHT @ 2008 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR AN EXPRESS.				

NOTES:
1) MATERIAL: N/A
2) FINISH: POWDER COAT ASSEMBLED SEAT "GREY SANDTEX" (4.3.5.6) PER DART QSI 005 4.3 PRIOR
TO INSTALLATION OF SEAT BOTTOM/BACK (D3774-1/-3). MASK FRONT LEGS PRIOR TO POWDER COAT.
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: IDENTIFY WITH D2729-1 RED DECAL ATTACHED TO BACK LEG ASSEMBLY (D3782-045)
7) WEIGHT: 30.0 lbs
8) ITEM 15 (D3774-1 SEAT BOTTOM) AND ITEM 16 (D3774-3 SEAT BACK) REMOVED FOR CLARITY

SHOP COPY RETURN TO ENGINEERING UNCONTROLLED COPY SUBJECT TO AMENDMENT WITHOUT NOTICE WORK ORDER NO. 40821

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D -- D3783-041 BRACE ASSEMBLY REF -D3782-041 FRONT INBOARD LEG ASSEMBLY REF AN5-10A BOLT (1) NAS1149D0568J WASHER (2) MS21042L5 NUT (1)-<u>DETAIL G B2-2</u> BRACE ATTACHMENT 6 PL DESIGN DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DRAWN HS DRAWING NO. CHECKED REV. B D412-769-1 MFG. APPR.

DESIGN HS
DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA
CHECKED
DRAWING NO.
DRAWING NO.
DATE
DE APPR.

DATE
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08.06.25

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HAWKESBURY, ONTARIO, CANADA
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